

# AMATEUR RADIO WEEKLY

Issue 59 May 9th, 2015

Apologies for not sending an issue out last week. I devoted a lot of time to a "[hack event](#)" this past weekend and quickly realized Amateur Radio clubs should be investing their time in these types of gatherings. Getting involved with the hacker/maker community is what will propel this hobby forward. The smartest tinkerers and builders hang out at these events and Amateur Radio belongs there with them. /rant

On to this week's issue!

## Top links

### [Dayton Hamvention – Welcome to the Big Show](#)

In amateur radio it doesn't get any bigger, or any busier, than the Dayton Hamvention.

[Icom](#)

### [What will we see at Dayton 2015?](#)

Hard to imagine that Dayton Hamvention 2015 is just a week away!

[K9ZW](#)

### [Dayton Hamvention livestream schedule May 13-17 2015](#)

Wednesday May 13th 1300 UTC, we go live beginning with the drive from Memphis, Tennessee to Dayton, Ohio.

[W5KUB.com](#)

### [Extreme DX satellite contact between UK and Texas](#)

On April 27, 2015 at 1901 GMT, Cuban radio amateur Hector Martinez W5CBF/CO6CBF achieved a 7537.8 km DX contact with UK amateur Peter Atkins G4DOL via FO-29, possibly a world record for the satellite.

[AMSAT UK](#)

### [ISS HamTV now transmitting on 2395 MHz](#)

The Ham Video transmitter on board the Columbus module of the International Space Station was powered on and started transmitting in "Blank Transmission" (BT) mode.

[AMSAT UK](#)

### [Radio Buoys operating in the 160 meter Amateur band](#)

[Subscribe](#) to our email list

the middle of such a regulatory discrepancy.

[KC4LMD](#)

### **Arduino: Under the hood**

Ever wonder how the Arduino IDE translates your code into instructions for the processor?

[SparkFun](#)

### **Android app tracks ADS-B signals**

Track ADS-B signals from Android with a compatible SDR device.

[Google Play](#)

### **Digital Mode: SIM PSK 31/63**

Integrated Structured Message BPSK31

[ON4NB](#)

---

## **How to**

### **How to build a 10 meter dipole**

The Technician class has access to a part of the 10 meter amateur radio band. They can operate CW, digital and phone. Antennas for 10 meters are small and easy to build. A dipole antenna is one of the easiest antennas to build.

[K7AGE](#)

### **70cm Moxon Antenna**

Contesting for beginners with a bent coat hanger.

[G3XBM](#)

### **A crude skew planar wheel antenna for GPS L1**

The skew planar wheel antenna is a circularly polarised omnidirectional antenna, exactly what you want for satellite reception. It might not be as optimal as a QFH but it is definitely easier to construct even when you are in a pinch and only have gardening wire available.

[/dev/thrash](#)

### **Plans for 3D printing a QFH antenna**

I designed this for 145mhz for ISS, and amateur radio. Great for satcom or APRS. It seems to work ok for NOAA APT sats as well.

[Thingiverse](#)

---

## **Video**

### **Linrad waterfall and weak signals**

An RTL-SDR dongle is used to receive SK4MPI on 144.412 MHz.  
[sm5bsz](#)

[Amateur Radio Weekly](#) is curated by [KK4HSX](#).

[View the archive](#).

Thank you for reading. 73

Share this email:



[Manage](#) your preferences | [Opt out](#) using TrueRemove™

Got this as a forward? [Sign up](#) to receive our future emails.

View this email [online](#).

 [powered by emma](#)